77-1

Purpose: To state and refine certain concepts of personality structure which are basic to the indirect assessment program. Specifically, to relate certain concepts derived from the Wechsler to other behavior of a psychological and physiological nature (MKULTRA 77).

Initiated: Continuing. Latest obligation approved 1 December 1960.

Contractor: Dr. [redacted] as a grantee of the [redacted]

C/B

Cost: $25,000.00

Status: Continuing.

77-2

[redacted] a

11 January 1962

MEMORANDUM FOR: C/TSD, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : KUBARK, Subproject 71, Invoice #5
Allotment 2125-1320-3902

1. Invoice No. 5 is attached covering the above subproject. Payment should be made as follows:

Cashier's Check in the amount of $25,000.00
drawn [redacted], payable to [redacted]
E B

2. Please forward the check to C/RB, Research Branch through TSD/Budget Officer as soon as possible.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted] A
Chief
TSD/Research Branch

Attachment:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee
1 - TSD/FASS
2 - TSD/RB

1260
2125-1320-3902

11 January 1962 TSD/RB [redacted] A

FE-9951

CHECK [redacted] IN THE AMOUNT OF $ 25,000.00
RECEIVED.

1/12/62 [redacted] A

[redacted]

[redacted] (When Filled In)

No. 1224/260

Cost Account 2125-1390-3903

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
9 JAN 1962	MKULTRA-Sub 77-Auth 5	25,000.00		25,000.00

[redacted] (When Filled In)

77-3

Date: 26 December 1961

MEMORANDUM FOR: THE COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 77

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved, and $25,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to cost center 2125-1300-3902

[redacted]
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

I CERTIFY THAT FUNDS ARE AVAILABLE FOR OBLIGATION AS INDICATED IN THE AMOUNT OF 1224 AND CHARGE TO ALLOTMENT NO. 2125-1300-3902

[redacted]
Research Director

AUTHORIZING OFFICER

Date:

Distribution:
Original & 2 - Addressee
1 - TSD/FASS
2 - TSD/RB [redacted]

[redacted] (When Filled In)

ACCOUNTING BY INDIVIDUAL FOR ADVANCE

NOTE: Follow Instructions on Reverse

SUBMITTED BY: MKULTRA Sub 77

VOUCHER NO. (Finance use only):

PERIOD OF ACCOUNTING — FROM: 1 January 1962 TO: 31 December 1962

RECEIPTS				DISBURSEMENTS			
1a. CASH ON HAND BEGINNING OF PERIOD		$		3. VOUCHER NUMBER	DATE	DESCRIPTION	AMOUNT
2. RECEIPT NUMBER	DATE	DESCRIPTION					$
	25 Jan 1962	MKULTRA Advance Invoice # 5				See Attached Certification	
	[redacted]		25,000.00				
						TOTAL EXPENSES	$ 25,000.00
				3b.			
				4. REFUNDED HEREWITH		CASH / CHECK / MONEY ORDER	
				5. CASH ON HAND END OF PERIOD			
		TOTAL TO ACCOUNT FOR	$25,000.00			TOTAL ACCOUNTED FOR	$ 25,000.00

I CERTIFY FUNDS ARE AVAILABLE

OBLIGATION REFERENCE NO.: 1224

CHARGE ALLOTMENT NO.: 2125-1390-3902

DATE: 5/16/63

APPROVED

SIGNATURE OF APPROVING OFFICER: SIDNEY GOTTLIEB, DC/TSD

I certify that the expenditures listed hereon and on any attachments were incurred for official purposes of a confidential nature, that payment or credit therefor has not been received, and that this accounting is true and correct.

DATE

SIGNATURE OF AUTHORIZING OFFICER: [redacted], TSD/HF

CERTIFIED FOR PAYMENT OR CREDIT

DATE

SIGNATURE OF CERTIFYING OFFICER

SIGNATURE OF PAYEE: [redacted] 4

SPACE BELOW FOR EXCLUSIVE USE OF FINANCE DIVISION

PREPARED BY

REVIEWED BY

VOUCHER NO. 7-12

DESCRIPTION - ALL OTHER ACCOUNTS 13-33 / DESCRIPTION - ADVANCE ACCOUNTS 13-27	26-33 T/A NO. / PROP. NO. / 30-33 DIV. / PROJECT NO.	34-39 STATION CODE / PROP. NO.	40-42 EXPEND CODE / FY	43 FUNDS	45-46 PAY PER. LIQ. CODE	47-52 OBLIG. REF. NO. / ADVANCE ACCT. NO. / EMP. NO.	53 CA YR	54-57 GENERAL LEDGER ACCT. NO.	58-67 ALLOT. OR COST ACCT. NO.	62-67 CK. NO. / X REF. NO.	68-70 DUE DATE / OBJECT CLASS	71-80 AMOUNT DEBIT	AMOUNT CREDIT
											TOTALS		

FORM 8-61 282 USE PREVIOUS EDITIONS.

[redacted]

(1)

INSTRUCTIONS

1. If funds, in the form of other than U.S. Dollars were on hand, received, or disbursed during the accounting period, all pertinent data, i.e., rate, method of acquisition, etc., must be shown. If advances have been made to third parties, enter the total of such advances outstanding at the beginning of the accounting period on line 1a.

2. If more space is required to explain receipts, prepare receipt form, number and attach hereto. In every case, completely identify the source of receipts.

3. Attach a voucher for each expenditure and assign a number thereto in numerical sequence. The voucher may be the receipt obtained from the payee. When a receipt is not obtained, prepare a certificate and attach as a voucher. When space on form is not sufficient to list all vouchers, prepare a listing on a separate sheet and enter the total under item 3. If advances to third parties are outstanding at the close of the accounting period, attach an itemized list and enter the total on line 3a.

4. Final credit will not be given for disbursements which are advances to be accounted for. When accounting for advances are obtained, list as expenditures or refund of cash, as appropriate.

5. Total receipts entered on the line "Total to Account For" must agree with the total disbursements entered on the line following "Total Accounted For."

77-5

77

April 10, 1963

Accounting of [redacted] C

Jan. - Dec. 1962

Received from [redacted] B $25,000.00

Expended:

Services	$14,500.00
Computer Expenses	12,452.00*
Total Expenses	$26,952.00

This is a true statement of expenditures from monies received from [redacted] It should be noted that other expenses incurred on behalf of the Fund were absorbed by the entities. [redacted] C.

* Total Computer costs $24,904.04 for the year - 50% applicable t[redacted]rant.

INV 5

I certify that services or materials have been satisfactorily received and the expenditures were incurred on official business. [redacted] A

Date: 4/10/63

[redacted] (When Filled In)

ACCOUNTING BY INDIVIDUAL FOR ADVANCE

SUBMITTED BY: MONUMA Sub 77

VOUCHER NO. (Finance use only):

PERIOD OF ACCOUNTING: FROM 19 December 1960 TO 31 December 1961

NOTE: Follow Instructions on Reverse

RECEIPTS				DISBURSEMENTS		
1. CASH ON HAND BEGINNING OF PERIOD		$	3. VOUCHER NUMBER	DATE	DESCRIPTION	AMOUNT $
2a. RECEIPT NUMBER	DATE	DESCRIPTION				
	19 Dec 1960	MONUMA Advance Invoice # 4 [redacted]			See Attached Certification	
			25,000.00			
					TOTAL EXPENSES	$ 25,000.00
				3a.		
				4. REFUNDED HEREWITH	CASH / CHECK / MONEY ORDER	
				5. CASH ON HAND END OF PERIOD		
TOTAL TO ACCOUNT FOR		$25,000.00		TOTAL ACCOUNTED FOR		$ 25,000.00

I CERTIFY FUNDS ARE AVAILABLE

OBLIGATION REFERENCE NO.: 1072

CHARGE ALLOTMENT NO.: 1125-1360-3902

DATE:

APPROVED

SIGNATURE OF APPROVING OFFICER: [redacted] DO/TSD

I certify that the expenditures listed hereon and on any attachments were incurred for official purposes of a confidential nature, that payment or credit therefor has not been received, and that this accounting is true and correct.

DATE:

SIGNATURE OF AUTHORIZING OFFICER: [redacted] A, DO/TSD

CERTIFIED FOR PAYMENT OR CREDIT

DATE:

SIGNATURE OF CERTIFYING OFFICER:

SIGNATURE OF PAYEE: [redacted] A

SPACE BELOW FOR EXCLUSIVE USE OF FINANCE DIVISION

PREPARED BY:

REVIEWED BY:

VOUCHER NO. 7-12

DESCRIPTION - ALL OTHER ACCOUNTS 13-33 / DESCRIPTION - ADVANCE ACCOUNTS 13-27	28-33 T/A NO. / P.O. NO. / SUB-ORD. DIV.	34-39 STATION CODE / PROP. NO. / PROJECT NO.	40-42 EXPEND CODE / FY	43 FUNDS	45-46 PAY PER. LIQ. CODE	47-52 OBLIG. REF. NO. / SUB-ACCT. NO. / AMP. NO.	53 CA YR	54-57 GENERAL LEDGER ACCT. NO.	58-67 ALLOT. OR COST ACCT. NO. / 62-63 CO. NO. / X REF. NO.	68-70 DUE DATE / OBJECT CLASS	71-80 AMOUNT DEBIT	AMOUNT CREDIT
										TOTALS		

FORM 8-61 282 USE PREVIOUS EDITIONS.

[redacted]

(1)

[redacted]

INSTRUCTIONS

1. If funds, in the form of other than U.S. Dollars were on hand, received, or disbursed during the accounting period, all pertinent data, i.e., rate, method of acquisition, etc., must be shown. If advances have been made to third parties, enter the total of such advances outstanding at the beginning of the accounting period on line 1a.

2. If more space is required to explain receipts, prepare receipt form, number and attach hereto. In every case, completely identify the source of receipts.

3. Attach a voucher for each expenditure and assign a number thereto in numerical sequence. The voucher may be the receipt obtained from the payee. When a receipt is not obtained, prepare a certificate and attach as a voucher. When space on form is not sufficient to list all vouchers, prepare a listing on a separate sheet and enter the total under item 3. If advances to third parties are outstanding at the close of the accounting period, attach an itemized list and enter the total on line 3a.

4. Final credit will not be given for disbursements which are advances to be accounted for. When accounting for advances are obtained, list as expenditures or refund of cash, as appropriate.

5. Total receipts entered on the line "Total to Account For" must agree with the total disbursements entered on the line following "Total Accounted For."

[redacted]

77-7

11

April 10, 1963

Accounting of [redacted] C

Jan. - Dec. 1961

Received from [redacted] B $25,000.00

Expended:

Services	$ 14,000.00
Computer Expenses	12,101.62
Total Expended	$ 26,101.62

The above is a true statement of expenditures from monies received from [redacted] It should be noted that other expenses incurred on behalf of the Fund were absorbed [redacted] C

B

INV 4

I certify that services or materials have been satisfactorily received and the expenditures were incurred on official business.

[redacted] A

Date 4/26/63

D Q 77-8

January 11, 1962

[redacted] C

Dear Dr. [redacted] C

I am pleased to report that the Board of Directors has approved a grant in the amount of $25,000.00 for your continued personality study [redacted] C at [redacted] C. Enclosed is our check for $6,250.00 which represents the first quarterly payment. At your request future payments will be sent to your account number [redacted] at the [redacted] E

There are several conditions which apply to the utilization of these funds. A final report, as well as a terminal accounting, shall be submitted upon completion of the study. All funds are to be expended entirely for the research designated. Any unused funds shall be returned to [redacted] B

The Board of Directors and the scientific advisers to [redacted] join me in wishing you well in this endeavor. Please call upon us for any assistance that we may be able to provide.

Sincerely yours,

[redacted] C

Executive Director

[redacted] C

Enclosure

77-9

[redacted] C [redacted]

December 19, 1961

Mr. [redacted] C/B

Dear [redacted]

I am sure you will correctly anticipate that the purpose of this letter is to request formally that my relationship with the [redacted] B be continued for another year, as an extension of the arrangement currently in existence. While we have had occasion, alone or with others, to discuss a variety of topics, my immediate and primary concern is for the [redacted] personality study.

This is not the place for a detailed progress report. Briefly, I can characterize the past year as one of consolidation and preparation -- consolidation of the factor analysis projects initiated earlier, and preparation for future projects along other promising lines. The most tangible outcome of the recent effort is a group of ten computer programs for various phases of psychological (and other) data processing. A few technical papers have appeared or been newly written, and copies of these are here.

It is my plan to wrap up early in the coming year all of the factorial evidence relating to the Wechsler, including suggestions as to how this battery may be amplified, administered and scored to yield a maximum of reliable information. I also propose a high priority for the obtaining of useful cross-cultural data, such as the material from a Japanese standardization of the WAIS, and to investigation of methods for insuring accurate cross-cultural norming. Thirdly, I want to develop further the machine procedures for "syndrome analysis," which will make use of the Wechsler versus Myers-Briggs data now accumulated. On a lower priority basis than the above, I would continue to try to involve other researchers in the interesting problems existing in this whole area of work.

I have agreed to furnish a specific summary accounting of this year's expenses by the end of January, 1962. On a cash basis I will probably appear to have underspent, but on an accrual basis I expect to be very close to the $25,000 budgeted. Therefore, and in accordance with our conversations on this point, I propose the following budget for calendar 1962:

[redacted]' time (overall)	$ 14,500
Office services, equipment, supplies	2,000
Travel and related expenses	2,400
Computer rental	4,000
Available to subsidize data collection	1,500
Miscellaneous	600
Total	$ 25,000

Sincerely yours,

[redacted] C

77-10

D Q

[redacted] Date 23 July 1962

Branch 43 Category Behavior Prediction and Control (V)

Project Title [redacted] Project C Item Classification None

Project Crypto [redacted] Crypto Classification None

Branch Project No. B-160 Project Engineer [redacted] A

Contractor [redacted] B

Contract No. [redacted] Task No. None

Type of Contract [redacted] Date Initiated January 1962

Cost $25,000.00 Completion Date January 1963

Purpose: Theoretical and experimental approaches to the application of pattern recognition and other computer based techniques to problems of human psychology are the chief interest in this project.

Status: A test pro run for the machine interpretation of Bechaler-Hellwig patterns has been written and some points of it are being tested. The work is on schedule.

[redacted]

[redacted]

D Q 77-11

RECEIPT

Receipt is hereby acknowledged of [redacted] E
[redacted] drawn on the [redacted]
[redacted] dated January [redacted] B
$25,000.00, payable to the [redacted]

[redacted] C

Date: February 7, 1962

97-12

[redacted] C]

11 January 1962

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, Subproject 77, Invoice #5
Allotment 21EP-1500-3502

1. Invoice No. 5 is attached covering the above subproject. Payment should be made as follows:

Cashier's Check in the amount of $25,000.00 drawn on a [redacted], payable to the [redacted] C B

2. Please forward the check to C/RB, Research Branch through TSD/Budget Officer as soon as possible.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted] A
Chief
TSD/Research Branch

Attachment:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee
1 - TSD/FASS
2 - TSD/RO

11 January 1962 TSD/RB/[redacted] A

[redacted]

[redacted]

INVOICE 11 January 1962

For Services $25,000.00

[redacted] B.

CERTIFICATIONS

(1) It is hereby certified that this is Invoice 5 applying to Sub-project No. 77 of MKULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSD/RB, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSD/Research Branch

Date:

(2) It is hereby certified that this invoice applies to Subproject 77 of MKULTRA which was duly approved, and that the project is being carried out in accordance with the memorandum of 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date:

[redacted]

77-13

[redacted]

26 December 1961

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject 77

1. The purpose of this project is to provide funds to continue the research program conducted by Dr. [redacted]. The program is designed to specifically state and empirically refine certain concepts of personality structure which are basic to the TSD/RB indirect assessment program.

2. Dr. [redacted] continues to spearhead an unusually productive research program. As an adjunct to his full time work on the development of indirect assessment techniques, he has undertaken two additional responsibilities: personal guidance of [redacted] research program to relate somatotyping to personality characteristics (Subproject 134); and to consult systematically on a training program for case officers in psychological assessment techniques. A major portion of Dr. [redacted] effort in the past year has been devoted to developing certain computer programs which can handle a wider range of personality data. Since these same computer techniques can be generalized to the broader problem of data analysis and retrival, his efforts have excited the interest of other Agency components

[redacted]

as well as the [redacted]. During the past year, Dr. [redacted] has made substantial progress with his factor analysis of the WAIS to determine the nature of the approximately 17 factors involved, to establish the nature of the internal dependencies in Wechsler profiles across the factors, and to identify and construct performance tasks that will fill out the factor matrix to a total of 20 factors.

3. During the following year, Dr. [redacted] plans to obtain the data necessary to fit the three remaining factors into the personality profile, and to develop some alternative measures of the factors which may be more easily obtained by the clandestine services. He will continue his collection of representative data from other cultures and to systematize his material for eventual book-length publication.

4. The project will be funded and monitored by the [redacted] through a direct grant to Dr. [redacted] An annual accounting will be made to the Fund according to established procedures; and unexpended funds will be returned at the end of the year.

5. The cost of this project for a period of one year starting 1 January 1962 is estimated to be $25,000.00. Charges should be made against Allotment Number 2125-1390-3902. A copy of Dr. [redacted] budget, as given to the [redacted] is attached.

6. Purchase of permanent equipment will be accomplished by prior arrangement with the Sponsor and the right to determine ultimate

[redacted]

77-13

retaining title is reserved to the Sponsor. In no case will permanent equipment revert to personal ownership by Dr [redacted].

7. Dr [redacted] is cleared through TOP SECRET and is witting of Agency interest.

[redacted]
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION
OF FUNDS:

[redacted]
Research Director

Date: [redacted]

Distribution:
Orig. only

[redacted]

[redacted] 77-13

C

Proposed Budget

[redacted]	$14,500.00
Office services, equipment, supplies, etc.	2,000.00
Travel	2,400.00
Computer rental, etc.	4,000.00
Available to subsidize data collection	1,500.00
Miscellaneous	600.00
TOTAL	$25,000.00

D[redacted]

[redacted]

b [redacted] d 77-14

Date: 26 December 1961

MEMORANDUM FOR: THE COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 77

Under the authority granted in the memorandum dated 13 April 1953, from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved, and $25,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to cost center 2125-1392-2973.

[redacted] A
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION
OF FUNDS:

Research Director

Date:

Distribution:
Original & 2 - addressee
1 - TSD/FASS
2 - TSD/RB [redacted]

77-15

RECEIPT

Receipt is hereby acknowledged of [redacted] E
dated December 19, 1960, drawn on [redacted] B
in the amount of [redacted] payable to [redacted] C

Nov 5, 1961
(Date)

77-18

[redacted]
(When Filled In)

CONFIDENTIAL FUNDS POSTING VOUCHER

VOUCHER NO. 7-12 | DATE 2-6 | VOUCHER NO. 7-12

DESCRIPTION-ADVANCE ACCOUNTS 13-27	28-33 T/A NO. / P.O. NO. / PROF. NO. / DIV. / PROJECT NO.	34-39 STATION CODE	40-42 EXPEND CODE / YY	43 FUNDS	45-46 PAY PER. LIQ. CODE	47-52 OBLIG. REF. NO. / ADVANCE NO. / EMP. NO.	53 CA YR	54-57 GENERAL LEDGER ACCT. NO.	58-67 ALLOT. OR COST ACCT. NO. / 62-67 CR. NO. / X REF. NO.	68-70 DUE DATE / OBJECT CLASS	71-80 AMOUNT DEBIT	71-80 AMOUNT CREDIT
SUBPROJ 77 INK 4			8811			1072		601.0	WS-1390-3102	25	WS000.00	
M HULTRA												WS000.00

EXPLANATION OF ENTRY — TOTALS WS000.00 WS000.00

See Attached

DATE 14 Dec '60 | PREPARED BY [redacted] A | DATE | REVIEWED BY | CERTIFIED FOR PAYMENT OR CREDIT | DATE 12/15/60 | SIGNATURE OF CERTIFYING OFFICER [redacted]

FORM 10-59 606 USE PREVIOUS EDITIONS. [redacted] (10-49)

[redacted]

77-17

5 December 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, Subproject 77, Invoice #4
Allotment 1125-1390-3902

1. Invoice No. 4 is attached covering the above subproject. Payment should be made as follows:

Cashier's Check in the amount of $25,000.00 drawn on [redacted] payable to the [redacted]

2. Please forward the check to Chief, TSD/Research Branch through TSD/Budget Officer by Friday, 16 December 1960.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted]
Chief
TSD/Research Branch

Attachment:
Invoice & Certifications

CHECK [redacted] IN THE AMOUNT OF $ [redacted]
RECEIVED.

Distribution:
Orig & 2 - Addressee

[redacted]

(When Filled In) No. 1072

Cost Account 11.25:1380:3902

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
2 DEC 1950	Obligation Sub #1 with #4	25,000.00		25,000.00
6 DEC 1950	Invoice #4		25,000.00	—

(When Filled In)

77-18

29 November 1960

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 77
Authorization #4

Under the authority granted in the Memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $25,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 1125-1009-1902.

[redacted]
Chief
TSD/Research Branch

I CERTIFY THAT FUNDS ARE AVAILABLE FOR OBLIGATION IN THE AMOUNT CHARGEABLE TO 1125-1009-1902

AUTHORIZING OFFICER

APPROVED FOR OBLIGATION OF FUNDS:

Research Director

Date:

Distribution:
Orig. & 2 - Addressee
1 - TSD/OC
1 - TSD/FASS

77-19

[redacted]

5 December 1960

TO : CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : [redacted], Subproject 77, Invoice #4
Allotment 1125-1390-3902

1. Invoice No. 4 is attached covering the above subproject. Payment should be made as follows:

Cashier's Check in the amount of [redacted] drawn on [redacted] payable to the [redacted]

2. Please forward the check to Chief, TSD/Research Branch through TSD/Budget Officer by Friday, 16 December 1960.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted]
Chief
TSD/Research Branch

Attachment:
Invoice & Certifications

I CERTIFY THAT THE ABOVE VOUCHER IS CORRECT AND PROPER FOR PAYMENT AND THAT SUFFICIENT FUNDS ARE AVAILABLE FOR PAYMENT THEREOF. 1125-1390-3902

Distribution:
Orig & 2 - Addressee

PAYMENT IN THE AMOUNT OF $[redacted] APPROVED.

1 - TSD/FASB
2 - TSD/RB

TSD/RB: [redacted] (5 Dec 1960)

[redacted]

[redacted]

INVOICE

For services $25,000.00

[redacted]

CERTIFICATIONS

(1) It is hereby certified that this is Invoice No. 4 applying to Subproject No. 77 of IKUHARA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSD/RB, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSD/Research Branch

Date: _____

(2) It is hereby certified that this invoice applies to Subproject No. 77 of IKUHARA which was duly approved, and that the project is being carried out in accordance with the memorandum of 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memorandum.

Research Director

Date: _____

[redacted]

[redacted] 77-20

DRAFT
29 November 1960 A

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject 77

1. The purpose of this project is to provide funds to continue the research program conducted by Dr. [redacted]. The program is designed to specifically state and empirically refine certain concepts of personality structure which are basic to the TSD/RB indirect assessment program.

2. Dr. [redacted] has been unusually productive during the past year. In view of the progress he has made, he has elected to spend full time on the development of indirect assessment techniques. Specifically, during the next year he will further develop the following:

a. Continue to work on publishable reports of the various factor analyses that have been done or are in process, which serve to establish 17 to 20 factors operating within the WAIS and to shed light on their meanings and ways they might be measured - either through performance or more fundamental (physiological) approaches. Possibly begin to develop systematically the relations between this material and Cattell's and Guilford's models.

b. Try to establish the nature of the internal dependencies in Wechsler profiles across the factors, which dependencies must exist if it has been possible to utilize profiles across just the 10 subtests with so much success.

c. Spell out the pattern of relationships which will predict the Myers-Briggs self-report scores from the 17-factor profiles. Item-analyze the MBTI to see what further information it may contain that can be tied in with performance.

d. Begin the actual construction of an improved battery of tests.

[redacted]

e. Continue to collect more representative data, both from the American and other cultures.

f. Continue to collect and develop material that will lead to a more complete (book-length) statement of the whole approach.

3. The project will be funded through [redacted] B

[redacted] will make a direct grant to Dr. [redacted] and will act as his agent in the dispersal and accounting of C

funds for his project. For the time being, he will work independently in [redacted] This grant will include personal compensation for B

Dr. [redacted] C

4. Cost of the program is estimated to be $25,000 for a period of one year starting 1 January 1961. Charges should be made against Allotment Number 1125-1009-1902. The projected budget is attached.

5. Funds will be accounted for on an annual basis to [redacted] B

[redacted] in accordance with standardized procedures. Unexpended funds will be returned at the close of the year.

6. Purchase of permanent equipment will be accomplished by prior arrangement with the Sponsor and the right to determine ultimate retaining title is reserved to the Sponsor. In no case will permanent equipment revert to personal ownership by Dr. [redacted] C

[redacted]

7. [redacted] is cleared through TOP SECRET and is witting of Agency interest.

[redacted]
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION
OF FUNDS:

[redacted]
Research Director

Date: 12/1/60

[redacted]

PROPOSED BUDGET

[redacted]	$14,000.00
Office Services, equipment, supplies, etc.	3,000.00
Travel	2,400.00
Computer rental, etc.	2,000.00
Available to subsidize data collection	3,000.00
Miscellaneous	600.00
TOTAL	$25,000.00

DR[redacted]

77-21

[redacted]

29 November 1960

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 77
Authorization #4

Under the authority granted in the Memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $25,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 1125-1009-1902.

[redacted]
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

Research Director

Date:

Distribution:
Orig & 2 - Addressee
1 - TSD/OC
1 - TSD/FASS
2 - TSD/RB
TSD/RB/[redacted] (29 Nov 60)

[redacted]

77-22

Analysis of Expenses

From 10/1/59 through 6/30/61

Relations between Aptitude & Personality Traits

(Grant from [redacted])

Description	Total
Data Processing Services	$ 2,605.43
Miscellaneous Supplies & Services	236.00
Postage	42.73
Printing	1,332.91
Professional Services - Other	152.24
Professional Services - Readers	1,000.00
Research Personnel Costs	16,133.31
Telephone	7.92
Test Development	65.55
Travel	1,262.00
Sub-total	$22,838.09
[redacted] Overhead	5,285.23
Grand Total	$28,123.32
Less Grant	20,000.00
[redacted] Contribution	$ 8,123.32

INV 3

[redacted] 77-23 77

[redacted]

October 9, 1964

[redacted]

Dear Miss [redacted]

Please excuse the delay in our Accounting for the grant of $20,000 from the [redacted] for studies of "Relations between Aperiodic and Personality Traits." The collection of data required a special search of the financial records of four years back, and thus took a little more time than I had anticipated when I wrote to you on September 1.

Though the grant was for the period October 1, 1959 through December, 1960, in actual fact the work continued to June 30, 1961. The attached statement of expenditures reflects the research activity during this period.

You will see that total expense was $28,123.22 against the $20,000 grant, and that the [redacted] contribution was therefore $8,123.22.

I trust that this report may serve your needs, but if you would like further data or clarification I would be happy to try to supply it.

With appreciation for your assistance,

Sincerely yours,

[redacted]

Executive Associate

[redacted]

Q 77-24

December 24, 1959

[redacted] B/C

Dear Mr. [redacted]

I am pleased to announce that our Board has favorably considered the extension of support for your research for an additional 15 months beginning as of October 1, 1959. The first transmission of funds will be in the early part of January. The conditions originally stipulated in the utilization of these funds still hold.

We are particularly pleased to note that [redacted] will itself be making a financial contribution to the continued work on this task. B

Sincerely yours,

[redacted] C

Executive Secretary

cc: Dr. [redacted] C

77-24

77F

January 6, 1960

[redacted] B/C

Dear Mr. [redacted] B

Enclosed please find the [redacted] check in the amount of $5,000.00 representing the first payment on the grant made to your institution for the continuation of work under the direction of Dr. [redacted] on [redacted] C

[redacted] C

Sincerely,

[redacted] C

Assistant Treasurer

Enc.

77-25

RECEIPT

Receipt is hereby acknowledged of Cashier's Check No. DM51885, dated November 5, 1959, drawn on the [redacted] in the amount of $20,000.00, payable to [redacted]

[redacted]

November 15, 1959

INV B

77-26

[redacted] B7F

November 17, 1959

MEMORANDUM TO: The Directors

SUBJECT: Continuation of Support [redacted] - Category A

The attached covering letter and brief report from [redacted] provide a rewarding notification that our work appears to be of such significance that [redacted] is beginning to spend some of its hard earned revenue to jointly support this effort. This in conjunction with what appears to be satisfactory progress on the task from our point of view leads to a recommendation that the support be continued for at least another year as requested.

We are sending under separate cover copies of the products which have grown out of this project during the past year. It is my understanding that three or four additional articles are in preparation at the present time.

[redacted]
Executive Secretary

Encl: 3

77-27 Br III — We should drop this one project — A

[redacted] B

[redacted]

November 9, 1959

[redacted] B/C

Dear Mr. [redacted]

As I am sure you are aware, the [redacted] B has been supporting [redacted] for now two years now [redacted] a study of the [redacted] with Dr. [redacted] B/C Principal Investigator. The time has again arrived when we wish formally to request a further grant of $20,000 from [redacted] to help support this B work during the period from October 1, 1959 through December 31, 1960. In order to keep our request at the same level as in previous years, and not at the same time to unduly prolong the time-table for continuation of the study, [redacted] has allocated $8,000 of its own research funds to this B study for the fiscal year 1959-60. We trust that you are as pleased as we have been by the progress of this study to date, and that you will be able to act favorably on our request for continued partial support.

In order that you and the members of your Board may be more fully informed regarding the progress and prospects of this study, Dr. [redacted] G has prepared the enclosed memorandum. I am sure he would be happy to elaborate upon any of the topics discussed therein if this should seem desirable.

We are, of course, pleased and grateful for the support that the Society has given to this project in the past and hope that its continuance will seem appropriate.

Sincerely yours,

[redacted] C

[redacted] C

Enclosure

77-28

[redacted] C

An informal report on progress and prospects
as of October 1959.

by [redacted] C

This study began with the idea that the concept of Sensation vs. Intuition as described by Jung and measured by the Myers-Briggs Type Indicator was essentially equivalent to the concept of Externalization vs. Internalization as described by [redacted] and measured by the Digit Span subtest of the Wechsler intelligence tests. Some very limited evidence consistent with this hypothesis was included in the original research proposal, and some other parallel hypotheses were also put forward at that time.

The first year of work under our grant from the Society was spent doing a number of things, such as collecting data and examining it in relation to the original hypotheses. It turned out that the hypotheses could be supported if, but only if, one were careful to choose the right kinds of subjects; there were other very important aspects to the relations between Wechsler scores and Myers-Briggs scores. Thus, given two subjects with parallel Wechsler profiles, one could state with some confidence that they would have similar Myers-Briggs profiles. However, changing almost any of the Wechsler scores in relation to the profile would almost surely result in some change in the Myers-Briggs "type." It turned out, therefore, that the most important activity in the first year was that spent becoming more thoroughly familiar with [redacted]'s theory of personality and his use of the Wechsler to assess personality operationally. A
The major result emanating from this phase of activity is [redacted] Research Memorandum [redacted], "An outline of [redacted] personality theory as applied to the Wechsler: I." A

One clear understanding provided by this work was that the Wechsler is not an ideal measuring instrument for [redacted]s theory because it does not contain enough different subtests. The profile of subtest scores that has been used is merely a ten-dimensional shadow cast by an appreciably more complex pattern of personality organization within any given individual. It may be possible to use this shadow to make deductions about the person who cast it primarily because of certain dynamic mechanisms that interrelate the known and the unknown aspects. However likely such deductions are to be properly made by good clinical psychologists, they are certainly beyond the ken of conventional statistical approaches.

A major goal for the second year of our work has been to understand as fully and empirically as possible what is measured by the Wechsler, and to try to pinpoint its shortcomings in relation to coverage of [redacted] theory. Factor analysis has provided an approach to this problem, and nine different factor analyses relating to some form of the Wechsler have been carried to virtual completion at the present time. One of these has led to a published report, a second has been accepted for publication, and reports dealing with the remainder are expected to reach at least the stage of complete first draft by January 1960.

The first report [redacted] appeared in t[redacted] issue [redacted] its primary purposes, as a communication, were to contradict the prevailing view that the Wechsler measures only three "common" factors and to begin to re-establish an atmosphere in the literature that would be more favorably inclined toward pattern-analytic studies of the WAIS profile.

The second report, dealing with [redacted] has been accepted by the [redacted] only after removal of most of the discussion included in its previous incarnation as [redacted] Research Bulletin [redacted]. Three factors were found to be involved in the items of this one subtest, and these factors were clearly those anticipated by Rapaport's classic discussion

of WB-I as a clinical instrument. While there have been several item analyses of items in the various forms of the Wechsler, and the results have contained evidence that should probably have been interpreted as implying multidimensionality even for individual subtests, no one has previously reported factor analyses of items in any of the scales. We have completed and are ready to write up two further such analyses. Six factors have been found in an analysis of Information and Arithmetic items, and seven factors have been found in an analysis of Similarities and Comprehension items. However, the sixteen factors found by factor analyzing items are not all different, there being abundant evidence that some of the factors appear in more than one subtest.

A third report, dealing with [redacted] has been completed as Research Bulletin [redacted] and will be submitted to the [redacted] The major conclusions of this report are that Alpha Frequency in the EEG probably corresponds to Digit Span in the Wechsler, and that Alpha Index probably corresponds to Picture Completion. Using data collected subsequent to our re-analysis of Mundy-Castle we have been able to cross-validate the first of these conclusions, and to obtain evidence suggesting that the relationship is an even more general one between Digit Span and the dominant EEG frequency even when this frequency is well outside the limits normally used to define "alpha" frequency. (Because the sample used for cross-validation came from a mental hospital, these further results cannot be adequately reported without a prior or concurrent discussion of the effects of brain damage.)

The implications of a chain of relationships bringing together a neurophysiological measure such as Alpha Frequency in the EEG, a performance-test measure such as Digit Span in the Wechsler, and a self-report inventory measure such as the Myers-Briggs, are substantial, and we hope to spend some of our effort in the coming year working them out and reporting them specifically. The "meaning" of the alpha rhythm has been well worked out, by others, in terms of a sub-cortically controlled master "excitability

cycle," which fits nicely with [redacted]'s [redacted]." Jung's "Sensation-Intuition," and Heymans and Wiersma's "Primary-Secondary." This dimension, by whatever name, is emerging as perhaps the most important dimension in the whole theory of personality, in the sense that all other relationships may be subject to its influence. It is my hunch that its manifestations can be traced back even to the biochemical level of observation, and that at that level it will be tied in with the characteristic response of the adrenal gland to chronic environmental stress. Such a conception seems to be consistent with a fair body of hitherto unrelated literature, and with some very limited direct observation.

In any consideration of this area the question of anxiety and its measurement is bound to come up. Within the Wechsler, a relative deficit in Object Assembly performance is regarded as betraying a degree of anxiety. (Digit Span is also sometimes said to measure anxiety, but we would prefer, in keeping with the above, to put it that Digit Span says something very fundamental about how anxiety may be expressed.) Since our first factor study of the WAIS yielded evidence for the unique contribution of every subtest to the battery except Object Assembly, and since we did not want to throw OA out on these grounds without giving it a second chance, we developed and experimented with a new subtest called Sentence Arrangement. This new test was designed to measure the unique contribution of OA, but to correlate differently than OA with the remaining subtests. Evidence indicating the success of this venture is now written up in [redacted] Research Memorandum [redacted]. Even before this was completed, however, one of the three factors in Picture Completion had confirmed the reality of this dimension, which we like to refer to as the "effect of uncertainty."

In view of the sense of reward achieved instrumentally through the re-analysis of Mundy-Castle's data, we have been encouraged to pick up other data from the literature that seem to have been incompletely or improperly analyzed. Reports on four such studies now await write-up, using data originally gathered by Reitan, Davis, Witkin, and Birren. It is our plan to report the Reitan data separately, since it was not extensive

enough to yield more than seven factors in either a normal or a brain-damaged sample, but does afford an opportunity to discuss the effect of brain damage on both the Wechsler and Halstead batteries. Dr. [redacted] and a former colleague of [redacted] has agreed to collaborate in interpreting and reporting these results.

The remaining three factor analyses each bring the Wechsler battery together with an interesting and diverse array of other measures, and yield 11-12 factors. From the present perspective I do not see that any of these can be reported first without extensive anticipation of the results of the others, and I therefore envisage a single report covering all three. While the report is not yet even drafted, it seems fair to expect that it will be possible to develop a framework of about 14 or 15 factors that can account for all of our results to date, and that may be regarded as the "real" structure whose "shadow" is presently obtained from the Wechsler. Furthermore, it seems likely that these factors can be conceptually organized in a manner that results essentially in both simplification and over-determination of [redacted]'s theory. Accomplishment of these purposes would complete a major phase of research.

Assuming all this works out in the manner just indicated, our study will have reached an important crossroads, from which there is more than one way to continue. One major alternative is to get started on the building of a test battery designed for the most efficient and reliable measurement of all these factors, and at the same time making as much use of group testing as validity will permit. [redacted] is well equipped to follow this line, and I believe enough effort should be put into it to try to insure the completion of material for an experimental battery by the end of 1960. This would look towards experimental administration of the material in the spring of 1961, completion of the battery by the end of 1961, and final standardization in 1962.

The second major alternative is to continue the exploration of implications, which by now are appearing at various levels of measurement

ranging from biochemical through self-report. In addition to reporting on the vicissitudes of the one variable so far studied across levels, we should be considering its further vicissitudes in the realm of observer-ratings, for example, and should be beginning to trace the manifestations and interactions of some of the others of the 14-15 dimensions now isolated. All this is the stuff of which future applications are likely to be made, and I would be dismayed to see any substantial cutting back of activity in this area simply to facilitate current test-construction activity.

However, in view o[redacted]illingness to contribute some funds to this whole study, if [redacted]s willing to continue its support at the same annual rate as for the past two years this should result in substantial further progress along both lines of investigation by the end of 1960.

October 29, 1959

77-29

77F

November 3, 1959

[redacted] B/C

Dear Dr. [redacted] C

Thank you very much for your final accounting for period ending September 30, 1959 contained in your letter of October 26th.

As to the problem of the $208.00 remaining from your previous grants, it is suggested that you hold this sum for the present time.

Sincerely,

[redacted] C

Assistant Treasurer

77-20

[redacted]

28 October 1959

MEMORANDUM FOR: CHief, Fiscal Division

VIA : TSS/Budget Officer

SUBJECT : [redacted], Subproject 77, Invoice #3
Allotment 03-3067-[redacted]

1. Invoice No. 3 is attached covering the above subproject. Payment should be made as follows:

Cashier's Check in the amount of $20,000.00 drawn on [redacted] payable to [redacted]

2. Please forward the check to Chief, TSS/Chemical Division through TSS/Budget Officer by Wednesday, 11 November 1959.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted]
Acting Chief
TSS/Chemical Division

Attachment:
Invoice & Certifications

Distribution
Orig & 2 - Addressee
1 - TSS/FASB
2 - TSS/CD

TSS/CD/[redacted] (28 Oct 59)

[redacted]

INVOICE

B

For services $20,000.00

[redacted]

CERTIFICATIONS

(1) It is hereby certified that this is Invoice No. 3 applying to Subproject No. 77 of NAMRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed records of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSS/Chemical Division

Date:

(2) It is hereby certified that this invoice applies to Subproject No. 77 of NAMRA which was duly approved, and that the project is being carried out in accordance with the memorandum of 13 April 1953 from the DDI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date:

[redacted]

77-31

[redacted]

October 26, 1959

[redacted]

B/C

Dear Miss [redacted]

Here are the final figures through September 30, 1959, regarding charges we have made against the grants from the Society:

	10/1/57 - 9/30/58	10/1/58 - 9/30/59
Employee costs	$ 6,235	$ 6,163
Other direct charges	3,298	10,896
Indirect charges and overhead	7,841	5,359
Total	$17,374	$22,418

The meaning of these categories is the same as in my last letter.

You will note that the grand total for two years is $238 less than the sum of the two grants. In view of the facts that (1) the project is continuing, (2) the grants were for periods of approximately one year each (as I understand it), and (3) we will soon be submitting a proposal requesting even more money, I assume we won't need to mail you a check. But we can if you would like.

Cordially yours,

[redacted]

Research Associate

I have examined and approved the submitted expenditures.

[redacted]

Chief
TSS/Chemical Division

Date: 2 Nov. '59

77-32

71F

September 17, 1959

[redacted] B/C

Dear Fr. [redacted]

I trust you had a pleasant vacation and didn't work too hard. We are still waiting for your new proposal. However, that is not the purpose of this letter.

We are in need of an accounting from your organization of the funds expended for the first year's grant which ran from October 1957 to October 1958 and then we would appreciate receiving shortly after the close of the October an accounting for the second year, October 1958 to October 1959.

Thank you for your cooperation in this matter.

Sincerely,

[redacted] C

Assistant Treasurer

77-33

[redacted] A

DRAFT [redacted]
6 August 1959

MEMORANDUM FOR: THE RECORD

SUBJECT : Continuation of MKULTRA, Subproject 77

1. The purpose of Project MKULTRA, Subproject 77 is to support the research program conducted by Dr. [redacted] head C
of the [redacted] B
The program is designed to specifically state and empirically refine certain concepts of personality structure which are basic to the TSS/CD indirect assessment program.

2. During the past year Dr [redacted] has prepared and distributed five reports on various aspects of the project. The aspect of the project having to do with comparing the two personality theories is essentially complete. The second stage of the overall plan is now underway. This includes the highly complex and extremely important process of developing the new testing materials. This research program is considered the core of the indirect assessment program. C

3. The project will be funded through [redacted]
[redacted] for security and cover purposes B
and the funds expended will be accounted for by the [redacted]
[redacted] directly to [redacted] on an annual basis in accordance with Society procedures. Any unexpended funds will be returned at the conclusion of the program. It is not anticipated that any permanent equipment will be required for the project.

[redacted]

4. The total cost of this project for a period of one year is estimated not to exceed $20,000.00. Charges should be made against Allotment 0525-1009-4902.

5. [redacted] is fully cleared and is witting of the true sponsorship of [redacted] the Director of [redacted] is cleared and is witting of government interest in this project but not of the true sponsorship of [redacted] No others in [redacted] will be aware of government interest or of the true sponsorship of [redacted]

[redacted]
Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

[redacted]
Research Director

Date: 8/12/59

Distribution:
Original only

[redacted]

D D 77-34

BUDGET

Salaries & Wages	$10,000
Operational costs (materials, travel, etc.)	400
Rent, telephone, machine rental, etc.	3,000
General overhead (accounting, Evaluation & Advisory Service, etc)	6,600
Total	$20,000

[redacted]

No. 304

Cost Account 0535-1004-480 2

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
13 1959	July 29 Work #3	30,000.00		30,000.00
29 OCT 1959	" Pay #3		29,000.00	—
				1
	L.A.			
	D			

[redacted]

[redacted] 28 October 1959

EXPLANATION FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : [redacted], Subproject 77, Invoice #3
Allotment 0265-100-4302

1. Invoice No. 3 is attached covering the above subproject. Payment should be made as follows:

Cashier's Check in the amount of $20,000.00 drawn on [redacted] payable to [redacted] B

2. Please forward the Check to Chief, TSS/Chemical Division through TSS/Budget Officer by Wednesday, 11 November 1959.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted]
Acting Chief
TSS/Chemical Division A

Attachment:
Invoice & Certifications

I CERTIFY THAT FUNDS ARE AVAILABLE
OBLIGATION REFERENCE NO. 301
CHARGE TO ALLOTMENT NO. 0265-100-4302
ACCTG. & AUDIT OFFICER

Distribution:
Orig & 2 - Addressee
1 - TSS/FASB

[redacted] DA-61885
Called 5 Nov E
CHECK [illegible] IN THE AMOUNT OF $20,000.00
RECEIVED [illegible] A
X [redacted] 12 Nov

[redacted]

77-36

[redacted]

(August 1959)

[redacted]

[redacted] : Finance Division

[redacted] : [redacted], Subproject No. 77
Authorization; 3

Under the authority granted in the Memorandum dated 13 April 1959 from the DDI to the D/F, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $40,000.00 of the overall Project [redacted] funds have been obligated to cover the subproject's expenses and should be charged to Allotment [redacted].

[redacted]
[redacted]
WH/Medical Division

[redacted]

[redacted]

Date: [redacted]

Distribution:
Orig & 2 - [redacted]
1 - [redacted]
2 - [redacted]

[redacted] (6 Aug.59)

[redacted]

77-87

July 1, 1959

[redacted] B/C

Dear Mr. [redacted] B

Enclosed please find [redacted] check in the amount of $5,000.00 which represents the fourth quarterly payment of the grant made to your organization for work on, [redacted] C directed by Dr. [redacted]

Sincerely,

C

[redacted]
Assistant Treasurer

[redacted]

Enclosure

77-38

December 4, 1958

[redacted] B/C

Dear Mr. [redacted] C B

Enclosed please find [redacted] check in the amount of $5,000.00 which represents the first quarterly payment of the grant made to your organization for work [redacted] C

C [redacted] directed by Dr. [redacted] C

We are sorry for the delay in the transmittal of funds. The second payment will be forwarded on or about the first of January 1959.

Sincerely,

C

[redacted]
Executive Secretary

[redacted] C

Enc.

77-38

77F

January 9, 1959

[redacted] B/C

Dear Mr. [redacted] C

Enclosed please find a [redacted] check in the amount of $5,600.00 which represents the second quarterly payment of the grant made to your organization for work, [redacted] C

C [redacted] directed by Dr. [redacted] C C

Sincerely,

[redacted] C

Executive Secretary

[redacted] C

Enc.

77-39

RECEIPT

Receipt is hereby acknowledged for Official Check No. 209-346399, dated October 10, 1958, drawn on the [redacted] in the amount of $20,000.00, payable to the [redacted]

77

[redacted]

Date: 10-17-58

0 8

RO 704

9-2512-95-902

47

DATE	DESCRIPTION	ALLOTMENT	EXPENDITURES	BALANCE
2 OCT 1958	Authorization	20,000.00		20,000.00
6 OCT 1958	Advice # 2		20,000.00	—
		6 OCT 1958 Ltr.		

[redacted] 8 77-40

23 September 1958

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 77

A

Under the authority granted in the Memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $20,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 9-2502-75-902.

[redacted]
Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

[redacted]
Research Director

Date: [redacted]

I CERTIFY THAT FUNDS ARE AVAILABLE. 2,000
OBLIGATION CODE NO. 1214
CHARGE TO 9-2502.75-902.
AUTHORIZING OFFICER

Distribution:
Orig & 2 - Addressee
1 - TSS/FASB

[redacted]

[redacted] 8 77-41

2 October 1958

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA, Subproject 77, Invoice #2, Allotment 9-2302-75-902

1. Invoice No. 2 for the above subproject is attached. Payment should be made as follows:

E Cashier's check in the amount of $20,000.00, drawn on [redacted] and made payable to [redacted] B

2. Please forward the check to Chief, TSS/Chemical Division through TSS/Budget Officer by Thursday, 16 October 1958.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

[redacted] A
Chief
E TSS/Chemical Division

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee

[redacted] CHECK [redacted] AMOUNT OF $20,000.00 RECEIVED 17 OCT [redacted] A

10- 927 005774 6001 2302.75.902 17 1 20,000.00

2- 20,000.00

[redacted]

[redacted]

INVOICE

For services $20,000.00

[redacted] B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice #2 applying to Subproject 77 of MKULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSS/Chemical Division

Date:

(2) It is hereby certified that this invoice applies to Subproject 77 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date:

[redacted]

[redacted] 77-42

23 September 1958

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 77
Auth: DCI 2/

Under the authority granted in the Memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $20,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 9-2502-15-902.

[redacted]
Chief
TSS/Chemical Division

Approved for Obligation
of Funds:

_____
Research Director

Date: _____

Distribution:
Orig & 2 - Addressee
1 - TSS/OC
1 - TSS/SRB
2 - TSS/CD

TSS/CD/[redacted] 23 Sept 58

[redacted]

77-43

[redacted]

DRAFT [redacted] A
26 September 1958

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject No. 77

1. The purpose of this project is to provide funds to continue the research program conducted by Dr [redacted] at C
[redacted] The program is designed to B
specifically state and empirically refine certain concepts of personality structure which are basic to the TSS/CD indirect assessment program.

2. Dr. [redacted] has submitted the attached progress report and proposal for extension of the work during the coming year. C
In addition he has submitted a first draft of a precise restatement of the personality descriptive system on which the indirect assessment program is based.

3. The project will be funded through [redacted] B
[redacted]

4. Costs for this program for a period of one year beginning 1 October 1958 will be $20,000.00. Charges should be made against Allotment 9-2502-75-902.

[redacted]

5. Funds will be accounted for on an annual basis to the [redacted] in accordance with standardized procedures. Unexpended funds will be returned at the close of the year.

6. It is not anticipated that any permanent equipment will be purchased with these funds.

7. [redacted] cleared through TOP SECRET and witting of Agency interest.

[redacted]
Chief
TSS/Chemical Division

Approved for Obligation
of Funds:

[redacted]
Research Director
Date OCT 1-1965
Attached:
Proposal & Progress Rpt.

Distribution:
Original only

[redacted]

77-44

3/C

August 22, 1950

[redacted]

From: [redacted]

At about this time one year ago, [redacted] made an initial grant of $20,000 to [redacted] to support an investigation of the [redacted]. [redacted] C/B C

[redacted] will have been spent, and formally to request a continuation grant of $20,000 for support of this work during the period from October 1950 through September 1951. We are looking forward to your favorable action on this request. In any event, we are planning to furnish a detailed accounting of the initial grant, which is due to expire on September 30, on or about October 31, 1950.

The following material should be read in conjunction with our original proposal, a copy of which is enclosed.

The various activities that have been carried out as a part of this project can be summarized under five headings, as below. Detailed technical reports on the various phases of the project are being prepared and will be issued whenever self-satisfactory aspects of the work have reached suitable stages of development. While we feel we have accumulated considerable evidence to support the basic hypotheses of this investigation, it has not yet been possible to organize this evidence in a manner that would not raise more embarrassing questions than it answers. However, it is our current expectation that reports bearing approximately the following titles will appear in the following sequence at about the times indicated:

A re-analysis of Henry-Cattell's correlation matrix including WAIS and Lab measures. (October 1950)

A theory providing a personality interpretation of the WAIS, and clinical suggestions for refinement of the WAIS. (December 1950)

Cross-validation of some basic relationships between the WAIS and MMPI in measures of personality. (Spring 1951)

Some hypotheses regarding the fine structure of the relationship between the WAIS and MMPI. (Summer 1951)

(1) Familiarization with [redacted] Theory. There had been no adequate written presentation of [redacted] personality theory, and we have had to devote considerable attention to the process of acquiring a relatively detailed knowledge of it. This has involved the holding of periodic conferences with [redacted] (whom we believe to be well-informed as to most aspects of our work), as well as intensive study of such materials as have been available or have been prepared by [redacted] for our benefit. As would be expected, the acquisition of a more detailed knowledge of [redacted] approach has led to some refinements in our basic hypotheses, and these have had the effect of complicating the relatively naive relationships that were outlined in our original proposal. However, we still expect that there are certain groups of relatively low computational status within which the original hypotheses could be cross-validated without alteration. It is likely that one of the early outcomes of our project will be a written summary of our understanding of [redacted] Theory, as such a summary is already partially drafted.

(2) Development of the Wechsler as a Measure of [redacted] Theory. It was recognized in the outset that there are certain aspects of the use of the Wechsler as a vehicle for operationally defining [redacted] theoretical constructs which would have a more or less fundamental influence on any empirical work we might do to relate the Wechsler and the Myers-Briggs Indicator. It has been necessary to arrive at a working definition of "normal level," and to appropriate standardizations of each of the subtests in terms of this level. Also, it has been necessary to add ceiling to each of the subtests in order to insure that the proper profile shape will be obtained even for relatively bright subjects, and this has depended on an appropriate understanding of the kind of item to be written to provide this added difficulty. These problems are not yet entirely resolved, but it is believed that a tenable definition of normal level has been formulated and that sufficient of the right kinds of items have been found for all of the verbal subtests except Comprehension. Items are currently being developed for Comprehension, Picture Arrangement, and Picture Completion.

(3) Efforts to Predict the Indicator from the Wechsler. (Our efforts have been confined in practice to predictions in only direction, as the Wechsler with its 10 scores obviously reports more information than the Myers-Briggs with its 4.) A total of over 300 cases have been collected using both instruments, including one set of 50 male college psychometry high school seniors deliberately selected so as to represent the 16 principal Indicator Types both as underachievers and as overachievers. All three data have been studied intensively; both in relation to the original naive hypotheses, which proved to which they can at least be said to be consistent, and in relation to various extensions of these hypotheses suggested by our more detailed understanding of [redacted] Theory. By processes which admittedly are capitalize on chance, but which nevertheless seem reasonable on the basis of the theories involved, it has been possible to develop predictive scales which [illegible] to [illegible] predicting the Indicator pattern fairly well. While cross-validation data will be needed to [illegible] these scales, and to [illegible] them from the chance errors in them, we believe that it is important to present as [illegible] relationships of this kind as exist and as they will be [illegible] studied out and substantiated

Following the collection of more data.

(4) Involvement with client groups. Arrangements are currently in existence under [redacted] to collect 500 new cases using both instruments within the next year, and additional numbers of data are being explored. Upwards of 125 cases are expected from the [redacted] through the good offices of Mr. [redacted]

[redacted]

[redacted] developer [redacted] and a number of residents and prospects of integrated housing developments through other contacts. Dr. [redacted] appreciably will make [redacted] of both instruments in developing the battery of judging ability. [redacted] has consented to discuss this project with a number of visitors [redacted] and several, notably overseas visitors, have [redacted] to replicate in their own [redacted] interest in attempting to replicate in their own colleges the studies we may conduct. At least two school psychologists having large records of [redacted] data have expressed interest in attempting replication at their own [redacted] It is anticipated that the continued development of new kinds and sources of data will minimize the necessity of making further direct payments for test administration. (We have paid as much as $10 per case for much of the data we now have, and hope to average well under $5 for the coming year.)

(5) Examination of "Alternatives." Both the Hoehler and the Indicator are instruments which may assist in making judgments. We have barely begun the very interesting and potentially fruitful work of examining the differences and loss of information which may be involved in the use of one instrument as opposed to the other. We expect this examination to yield a large number of interesting hypotheses for further research, which we may then either carry out ourselves or propose to others as observations of what they are already doing. So far we have paid particular attention to studies by Family-Castillo, Hilman, Grant, and Chiba; we are currently investigating correlational data reported by the former two, and have suggested hypotheses involving our two instruments to the latter two, who are now [redacted]

Plans for [redacted] We have particularly appreciated the great frequency with which [redacted] has indicated that it will take an interest in the plans proposed to [redacted] and we would rather that our investigations should be extended in this [redacted] However, that enough groundwork [redacted] would be a relatively convenient [redacted] for [redacted] Whatever further data collection we may [redacted] we [redacted] (1) will tend to [redacted] (2) will [redacted] Hoehler. Along [redacted] [redacted] [redacted]

this decision awaits further "consideration of 'implications'." Along the latter line, we certainly wish to consider whether a more refined scoring of the Indicator might yield data indicative that permit a reciprocal prediction, and also to foster an examination of the Cattell "dynamic differential" might not be developed for this purpose. (Since the preceding we have had an interview in Toronto for [redacted] of an experimental form of the latter to over 1000 college freshmen, along with the Indicator, after which it will be possible to test marketing questions with the Indicator.) If either of these methods is successful it will provide a paper-pencil alternative route to the information now obtained only in the individually-administered test, and will materially facilitate the design of experiments such as these to extend the relationships into other areas.

Sincerely yours,

[redacted]
Vice President

[redacted]

Q 77-45 77

July 2, 1958

[redacted] B/C

Dear Dr. [redacted]

Enclosed please find our check in the amount of $5,000.00 which represents the final payment to your organization for the work outlined by Dr. [redacted] C

Sincerely,

[redacted] C

Assistant Treasurer

[redacted] C

Enc.

January 2, 1958

[redacted] B/C

Dear Dr. [redacted] C

Enclosed please find our check in the amount of $5,000.00 which represents the second quarterly payment to you for work outlined by Dr. [redacted] C

Sincerely,

[redacted] C

Assistant Treasurer

[redacted] C

Enc.

77-46

RECEIPT

Receipt is hereby acknowledged for Cashier's Check No. DM 43863, dated November 18, 1957, drawn on the [redacted] E in the amount of [redacted] payable to the [redacted] B

[redacted] C

Date: 11-25-57

Q 77-47

December 2, 1957

[redacted] B/C

Dear Dr. [redacted] C

Enclosed please find our check in the amount of $5,000.00 which represents the first quarterly payment to you for work outlined by Dr. [redacted] C The second quarterly payment will be made the first of January 1958.

We are sorry for the delay in this payment but it was unavoidable.

We appreciated your comments on our requirements and are in complete agreement with regard to the content on the continuation of a project that proved inexpedient or unprofitable.

Sincerely,

[redacted] C

Executive Secretary

[redacted] C

Enc.

8 77-48

NO. 337

8-3502-10-001

77 ALLOTMENT

DATE	REMARKS AND REFERENCES	OBLIGATIONS INCURRED	OBLIGATIONS LIQUIDATED	CUMULATIVE EXPEND.
16 [illegible]	Authorization dtd 77	20 000.00		20000.00
[illegible]	Invoice #1		20 00.00	—
		Lif		

77-49

[redacted]

9 August 1957

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 77

Under the authority granted in the Memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $20,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 8-2502-10-031.

[redacted]
Acting Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

337
8-2502-10-031

[redacted]
Research Director

Date: 16 AUG 1957

Distribution:
Orig & 2 - Addressee
1 - TSS/OC
1 - TSS/FASB
1 - TSS/SRB

H/C
SRB
1500

[redacted]

77-50

6 November 1957

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA: TSS/Budget Officer

SUBJECT: MKULTRA Subproject 77, Invoice No. 1, Allotment 8-2502-10-001

1. Invoice No. 1 for the above subproject is attached. Payment should be made as follows:

Cashier's check in the amount of $20,000.00, drawn on a [redacted] and made payable to [redacted]

2. Please forward the check to Acting Chief, TSS/Chemical Division through TSS/Budget Officer by Wednesday, 13 November 1957.

3. This is a final invoice. A total of $20,000.00 was obligated under this subproject during FY 58. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed

[redacted]
Acting Chief
TSS/Chemical Division

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee
1 - Controller
1 - TSS/FASB

337
8-2502-10-001

[redacted] 77-[redacted]S1

9 August 1957

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 77

Under the authority granted in the Memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 77 has been approved and $20,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment #-2302-10-001.

[redacted]
Acting Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

Research Director

Date:

Distribution:
Orig & 2 - Addressee

1 - TSS/OC
1 - TSS/FASB
1 - TSS/SRB
2 - TSS/CD

TSS/CD: [redacted] (9 Aug 57) [redacted]

[redacted]

INVOICE

For services $20,000.00

[redacted]

B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice No. 1 applying to Subproject No. 77 of MKULTRA, that performance has been satisfactory, that the services have been accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Acting Chief, TSS/Chemical Division

Date:

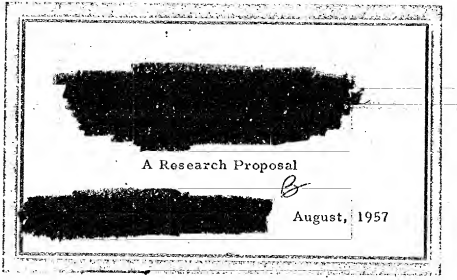
(2) It is hereby certified that this invoice applies to Subproject 77 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 12 April 1953 from the DCI to the DD/A, and the extension of the authority in subsequent memoranda.

Research Director

Date:

[redacted]

77-52



A Research Proposal

by

August, 1957



A Research Proposal

Prepared For



by



August 16, 1957

[redacted]

A Research Proposal

[redacted] are two authors of more or less comprehensive personality theories that appear, upon rather close but as yet unscientific examination, to contain important regions of mathematical isomorphism. In other words, it seems likely that certain of the basic concepts and relationships employed in these theories can be put into a one-to-one correspondence. At the same time, each theory contains many further elements that seem likely to correspond only to concepts or relationships that have not yet been formulated in the language of the other theory. The purpose of this proposal is to suggest the importance of exploring empirically the contact between these and possibly other personality theories, with the objectives of unifying them into a larger coherent picture and of filling in a relatively greater proportion of the details of this picture from the combined resources of the present theories.

Among the host of possible definitions of "personality" there are many which stress the idea that it is only through an understanding of personality that one may expect to predict individual behavior, including behavior "intended" to be adaptive to the physical environment or to other people. Thus, any research that is able to shed light on the organization of human personality, or to provide measuring instruments of basic parameters of human personality, is seen as likely to contribute to the advancement of human ecology. The following paragraphs show one way in which this possibility may be approached, and include preliminary evidence that suggests that this approach may be a fruitful one.

[redacted] theory is one that is grounded in extensive empirical observation and has always had objective, "operational" definitions for its concepts. For the most part, these have been provided by the various sub-tests of the Wechsler-Bellevue Intelligence Scale, although the constructs and relationships that have been generalized out of careful observation of the performance of subjects on these sub-tests are regarded as having potentially even broader theoretical utility. For example, efforts to fit the Thurstone Temperament Scales into this structure have been undertaken but have not yet been fully worked out.

[redacted] theory, on the other hand, is one that was first devised as a series of abstractions, and which has since been "justified" through the development of at least one kind of objectively scorable material that appears to behave consistently with the abstract principles [redacted] has freely employed Jungian concepts in developing her theory, but has also had to modify and extend them somewhat in order to "fit the facts" that are yielded by her instrument, known as the Myers-Briggs Type Indicator.

In terms of the writer's present understanding of these two theories, each makes use of three basic bits of information, along with further bits of information, in order to classify an individual personality. The question of whether any of these are in fact the same basic bits of information is the first one that should be investigated.

For example, [redacted] gives first importance to a distinction between persons that he calls "Internalizers" and "Externalizers". Operationally, an internalizer is an individual who is able to perform well on the digit span sub-test of the Wechsler in comparison with his general level of ability; an externalizer is able to perform only relatively poorly, at least when he takes the Wechsler for the first time. [redacted] following Jung, draws a basic distinction between individuals who are supposed to prefer "Intuition" and other individuals who are supposed to prefer "Sensation" as a mode of perception; a given individual may be measured in this respect by the answers he gives to certain questions about himself. The writer has begun to administer both the Wechsler and the Myers-Briggs to a series of subjects, and currently has 20 cases in hand. Seventeen of these cases are usable to compute a correlation between [redacted] definition of an internalizer and Myers' definition of an intuitive; the correlations is plus .76 (Kendall tau coefficient). Since any correlation that may exist between these definitions must be attenuated by the unreliability of measurement inherent in both testing instruments, [redacted] result is in excellent accord with a hypothesis of identity between th[redacted]nd Myers' concepts. (The reliability of the Myers-Briggs score is about .9, but the reliability of the deviation of digit span performance from general ability level is probably much lower.)

[redacted] second most important distinction is drawn between what he refers to as "Rigid" and "Flexible" persons. These are operationally distinguished by their relative level of performance on the block designs sub-test of the Wechsler; rigid persons do well. Myers draws her other basic functional distinction between individuals supposed to prefer "Thinking" and others supposed to prefer "Feeling" as a mode of judgment; further self-report questions are used to assess an individual subject. Nineteen of the 20 cases are usable to compute the correlation betwe[redacted] "Rigid" an[redacted] "Thinking". When the whole group is treated together, the correlation is practically zero; however, the correlation for the 9 men is plus .55 and that for the 10 women is -.52. Sinc[redacted] theory has been developed almost exclusively from data on men, and since Myers' data regularly recognize important relationships between thinking-feeling and the sex of the subject, these results may also be regarded as in keeping with a hypothesis of identity between the two authors' concepts. (The absolute magnitudes of these correlations are lower than for the previous hypothesis. This is partly due to greater attenuation, since the reliability of the Myers-Briggs score is only about .8. It may also be partly caused by a restriction in the range of the sample, which contains a notable paucity of individuals who, in [redacted] terminology, assume a "judging attitude.")

A

It does not appear that [redacted] third basic bit of information, which distinguishes between individuals who role-play "Acceptably" and those who do so "Unacceptably" on the basis of relative performance on the picture arrangement sub-test of the Wechsler, can be related directly to any of Myers' basic type distinctions. Jung's concept of "persona," which seems likely to be involved here, is one that Myers has not yet investigated.

On the other hand, it does appear likely that Myers' third basic bit of information, which distinguishes between "Introverts" and "Extraverts" in the Jungian sense, is contained in [redacted] theory as an emergent of the interaction between internalizer-externalizer and its degree of "compensation". Thus, if a relatively high performance in the arithmetic sub-test of the Wechsler is taken as an indication of "compensation," extraverts may be hypothesized to comprise persons who are simultaneously high, or low, on both digit span and arithmetic, while introverts comprise persons who perform disparately on these two sub-tests. While the data for our 20 cases can be plotted so as to be consistent with this hypothesis, the interpretation is utterly dependent on the selection of appropriate cutting scores for both digit span and arithmetic, and this should not be regarded as even tentative evidence.

The discussion that has just been given serves both to spell out a few examples of the kind of relationship that is hypothesized to exist between the formulations of [redacted] and of Myers, and to illustrate some of the difficulties that stand in the way of the investigation of such hypotheses. The research that is here proposed would take off from this point, and would initially explore a variety of hypotheses of this general kind. Obviously, longer series of cases need to be examined before even the specific hypotheses raised in this discussion may be accepted as a basis for guiding the formulation of additional hypotheses linking other aspects of these or other theories of personality. Some encouragement may be drawn from the tentative evidence provided by the 20 cases; additional encouragement may be drawn as rapidly as an interlocking network of consistent hypotheses can be formulated and empirically validated. Exactly where these will lead the investigation is impossible to foresee.

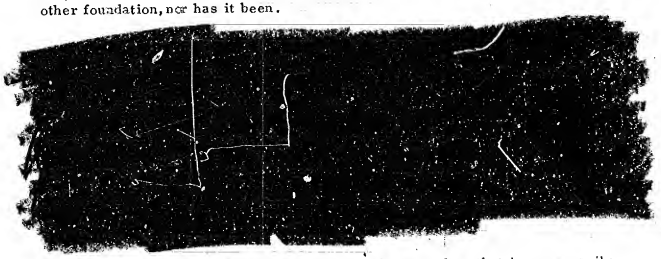
Assuming, however, that substantial areas of isomorphism can be elucidated in the course of this research, it should then be possible to combine the advantage of the two sets of operational definitions for the constructs. The Myers-Briggs has the advantages of easy administrability to groups of persons, high reliability (in the sense of internal consistency of measurement) for a limited number of scores, and a generally non-threatening appearance. The Wechsler-Bellevue provides a larger number of scores at a more moderate level of reliability, and has the marked advantage of expecting the subject to do his "best" -- capitalizing on a form of motivation that may often invalidate the paper-pencil questionnaire approach when it is applied to an individual. By using the Myers-Briggs as a screen for the selection of experimental populations and as an intermediate criterion for the preliminary validation of new

"objective" personality tests, it may prove possible to develop materials that (a) are equivalent to those now in the Wechsler, (b) possess higher reliability and validity, and (c) include ways of measuring facets of personality that are not now being tapped. By using both instruments together, it may prove possible to develop a scheme for systematically recording observations of behavior so that they may be readily translated into the unified theoretical framework. By using either instrument, according to the requirements of a feasible experimental design, it may prove possible to map the relationships of a wide variety of additional variables on the unified framework; the effects of "educational" experience, including various forms of psychotherapy, the effects of physiological "condition" including the influences of heredity and of sundry chemical and electrical stimuli, and the manifestations of personality in a variety of "other tests" are all areas of potential interest. Again, which of these will seem to be the best bet as this research develops is an open question.

Implementation

B

This is a proposal from [redacted] to the [redacted] is submitted with the hope that the subject will be found to be of mutual interest and that [redacted] will see fit to provide financial support so that research developing along the lines outlined above may be undertaken. Such research is not now being supported by any other foundation, nor has it been.



In view of the relatively high degree of uncertainty that is necessarily associated with plans for the kind of basic research that is outlined above, [redacted] proposes that the budget be established initially in terms of a rate of



expenditure of effort, rather than in terms of specific goals and the costs of achieving them. On this basis, it seems reasonable to request a grant of $20,000, to be spent over a period of approximately one year beginning October 1957 through September 1958. This sum would be sufficient to permit approximately one man-year of effort by a Research Associate, including all of the costs which he may generate throughout [redacted] by his requests for technical and clerical assistance and by the need for proper administration and accounting. [redacted] customary accounting system would be used to account for the funds as they were actually spent, and would be expected to show approximately the following dispositions:

(1) Employee costs (including salaries and wages, vacation allowances, [redacted] contribution to hospital and annuity plans, etc.)	50%	10,000.
(2) Other direct operational costs (including travel, purchase of special equipment or materials, etc.)	2%	1000.
(3) Indirect operational costs (including general supplies, telephone, machine rental, space rental, depreciation, etc. Indirect costs are allocated within each department in proportion to the total of (1) incurred in the department.	15%	3000
(4) General overhead (including accounting, general administration and various [redacted] Overhead is allocated in proportion to the total of (1).	33%	6600

While [redacted] hopes that significant progress can be made by expending this amount of effort for a year, it anticipates that there will be need for support for several years if the area proposed for research is to be properly investigated, and hopes that [redacted] would earmark additional funds that may be made available for this purpose if the results that are being obtained warrant a continuation of the work.

[redacted] would expect to maintain [redacted] would be expected to participate in some aspects of this research. Summaries of the qualifications of these individuals follow [redacted]

77-58

[redacted]

DRAFT [redacted]
9 August 1957

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject No. 77

1. It is requested that Subproject No. 77 be approved in order to support research related to the Indirect Assessment Program. Enclosed are a description of certain aspects of the research and the prospectus submitted to the Directors of [redacted] This research program will be established to provide for:

(a) the development of alternate procedures for indirect assessment including new tests and new questionnaires.

(b) the testing of certain of the hypotheses now used in personality assessment.

(c) the testing of the relationship of some of the procedures now used with certain experimental techniques developed by [redacted]

(d) the development of a field laboratory for the pre-testing of techniques developed in the Indirect Assessment Program.

[redacted]

3. [redacted] fully cleared and is witting of the true sponsorship of [redacted] Representatives from CD, Branch III will work directly with Dr. [redacted] The project will be funded through [redacted] and will be accounted for by the [redacted] on an annual basis in accordance with [redacted]

[redacted]

and any surplus funds will be returned to the Agency. Equipment [redacted] B/c
purchased will remain the property of [redacted] B
[redacted] is cleared and is within [redacted] B
[redacted] government interest in this project or of the true sponsorship B
of [redacted] No others in [redacted] will be [redacted] B
aware of government interest or of the true sponsorship of [redacted]
Cost for one year beginning 1 October 1957 will be $20,000.00. Funds
should be charged to Allotment 8-2502-10-001. It is anticipated that
continuation of this project from year to year will be recommended.

[redacted] A

Chief, Branch III
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

Approved:

A

[redacted]

Research Director

A

[redacted]

Acting Chief, TSS/Chemical Division

Date: 16 Aug 1957

Attached:
As stated above

Distribution:
Original only

[redacted]

GRANT PROPOSAL [redacted] 77-54

B

July 31, 1957

[redacted] C/B

I. Project

C

[redacted] this investigation as a statistical treatment of psychological test results using a comparison of the [redacted] theories of Personality Assessment as the point of departure. A/C

II. Purposes

A/C

1. To determine what relationship, if any, exists between the theoretical formulation of [redacted] and perhaps others.

2. To develop, if possible, practicable, usable measures of of basic personality functions.

3. To apply these measures in ways that will help to test the practical and theoretical validity.

III. Similar Work Being Done

A

Similar work is not being done elsewhere to our knowledge. This is not to say that a great deal of work that has been or is being done by Cattell, [redacted] Jung, MacKennon, Murray, Myers, Thurstone and others is irrelevant. However, the present project hopes to tie much work together in a context that is both eclectic and theoretically consistent.

IV. Principal Investigator and Background

[redacted]

V. Cost and Length of Time

This project will likely require several Man-years of research effort. Initially, the principal investigator proposes to explore the feasibility of the research and develop definitive plans and procedures for pursuing the study. He will recommend at the end of the first phase as to whether

V. Cost and Length of Time (continued)

the task should be continued and, if so, at what level of effort. The exploratory phase will require one year at a cost of $20,000.00.

VI. Pertinence

This comparative study will elaborate on work done by [redacted] in previous Society projects and will exhaustively review on-going work in Personality Assessment. This is a major field of endeavor for the Society and appears to offer a profitable opportunity.

77-55

C

A Research Proposal

A/C

[redacted] are two authors of more or less comprehensive personality theories that appear, upon rather close but as yet unscientific examination, to contain important regions of mathematical isomorphism. In other words, it seems likely that certain of the basic concepts and relationships employed in these theories can be put into a one-to-one correspondence. At the same time, each theory contains many further elements that seem likely to correspond only to concepts or relationships that have not yet been formulated in the language of the other theory. The purpose of this proposal is to suggest the importance of exploring empirically the contact between these and possibly other personality theories, with the objectives of unifying them into a larger coherent picture and of filling in a relatively greater proportion of the details of this picture from the combined resources of the present theories.

A

[redacted] theory is one that is grounded in extensive empirical observation and has always had objective, "operational" definitions for its concepts. For the most part, these have been provided by the various sub-tests of the Wechsler-Bellevue Intelligence Scale, although the constructs and relationships that have been generalized out of careful observation of the performance of subjects on these sub-tests are regarded as having potentially even broader theoretical utility. For example, efforts to fit the Thurstone Temperament Scales into this structure have been undertaken but have not yet been fully worked out.

Myers theory, on the other hand, is one that was first devised as a series of abstractions, and which has since been "justified" through the development of at least one kind of objectively scorable material that appears to behave consistently with the abstract principles. Myers has freely employed Jungian concepts in developing her theory, but has also had to modify and extend them somewhat in order to "fit the facts" that are yielded by her instrument, known as the Myers-Briggs Type Indicator.

In terms of the writer's present understanding of these two theories, each makes use of three basic bits of information, along with further bits of information, in order to classify an individual personality. The question of whether any of these are in fact the same basic bits of information is the first one that should be investigated.

For example, [redacted] gives first importance to a distinction between persons that he calls "Internalizers" and "Externalizers." Operationally, an internalizer is an individual who is able to perform well on the digit span sub-test of the Wechsler in comparison with his general level of ability; an externalizer is able to perform only relatively poorly, at least when he takes the Wechsler for the first time. [redacted], following Jung, draws a basic distinction between individuals who are supposed to prefer "Intuition" and other individuals who are supposed to prefer "Sensation" as a mode of perception; a given individual may be measured in this respect by the answers he gives to certain questions about himself. The writer has begun to administer both the Wechsler and the Myers-Briggs to a series of subjects, and currently has 20 cases in hand. 17 of these cases are usable to compute a correlation between [redacted] definition of an internalizer and [redacted] definition of an intuitive; the correlation is .76 (Kendall tau coefficient). Since any

correlation that may exist between these definitions must be attenuated by the unreliability of measurement inherent in both testing instruments, this result is in excellent accord with a hypothesis of identity between the [redacted] concepts. (The reliability of the Myers-Briggs score is about .9, but the reliability of the deviation of digit span performance from general ability level is probably much lower.)

[redacted]second most important distinction is drawn between what he refers to as "Rigid" and "Flexible" persons. These are operationally distinguished by their relative level of performance on the block designs subtest of the Wechsler; rigid persons do well. [redacted] draws her other basic functional distinction between individuals supposed to prefer "Thinking" and others supposed to prefer "Feeling" as a mode of judgment; further self-report questions are used to assess an individual subject. 19 of the 20 cases are usable to compute the correlation between [redacted] "Rigid" and [redacted] "Thinking." When the whole group is treated together, the correlation is practically zero; however, the correlation for the 9 men is -.55 and that for the 10 women is +.52. Since [redacted]e theory has been developed almost exclusively from data on men, and since [redacted] data regularly recognize important relationships between thinking-feeling and the sex of the subject, these results may also be regarded as in keeping with a hypothesis of identity between the two authors' concepts. (The absolute magnitudes of these correlations are lower than for the previous hypothesis. This is partly due to greater attenuation, since the reliability of the Myers-Briggs score is only about .8. It may also be partly caused by a restriction in the range of the sample, which contains a notable paucity of individuals who, in Myers terminology, assume a "judging attitude.")

It does not appear that [redacted]'s third basic bit of information,

which distinguishes between individuals who role-play "Acceptably" and those who do so "Unacceptably" on the basis of relative performance on the picture arrangement sub-test of the Wechsler, can be related directly to any of Myers' basic type distinctions. Jung's concept of "persona," which seems likely to be involved here, is one that Myers has not yet been able to deal with very adequately.

On the other hand, it does appear likely that [redacted] third basic bit of information, which distinguishes between "Introverts" and "Extraverts" in the Jungian sense, is contained in [redacted] theory as an emergent of the interaction between internalizer-externalizer and its degree of "compensation." Thus, if a relatively high performance in the arithmetic sub-test of the Wechsler is taken as an indication of "compensation," extraverts may be hypothesized to comprise persons who are simultaneously high, or low, on both digit span and arithmetic, while introverts comprise persons who perform disparately on those two sub-tests. While the data for our 20 cases can be plotted so as to be consistent with this hypothesis, the interpretation is utterly dependent on the selection of appropriate cutting scores for both digit span and arithmetic, and this should not be regarded as even tentative evidence.

The discussion that has just been given serves both to spell out a few examples of the kind of relationship that is hypothesized to exist between the formulations of [redacted] and of [redacted], and to illustrate some of the difficulties that stand in the way of the investigation of such hypotheses. The research that is here proposed would take off from this point, and would initially explore a variety of hypotheses of this general kind. Obviously, longer series of cases need to be examined before even the specific hypotheses raised in this discussion may be accepted as a basis for guiding the formulation of additional hypotheses linking other aspects of these or other theories of per-

sobriety. Some encouragement may be drawn from the tentative evidence pro-
vided by the 20 cases; additional encouragement may be drawn as rapidly as
an interlocking network of consistent hypotheses can be formulated and em-
pirically validated. Exactly where these will lead the investigation is im-
possible to foresee.

Assuming, however, that substantial areas of isomorphism can be eluci-
dated in the course of this research, it should then be possible to combine
the advantages of the two sets of operational definitions for the constructs.
The Myers-Briggs has the advantages of easy administrability to groups of
persons, high reliability (in the sense of internal consistency of measure-
ment) for a limited number of scores, and a generally non-threatening appear-
ance. The Wechsler-Bellevue provides a larger number of scores at a more
moderate level of reliability, and has the marked advantage of expecting the
subject to do his "best" -- capitalizing on a form of motivation that may often
invalidate the paper-pencil questionnaire approach when it is applied to an
individual. By using the Myers-Briggs as a screen for the selection of ex-
perimental populations and as an intermediate criterion for the preliminary
validation of new "objective" personality tests, it may prove possible to
develop materials that (a) are equivalent to those now in the Wechsler, (b)
possess higher reliability and validity, and (c) include ways of measuring
facets of personality that are not now being tapped. By using both instru-
ments together, it may prove possible to develop a scheme for systematically
recording observations of behavior so that they may be readily translated in-
to the unified theoretical framework. By using either instrument, according
to the requirements of a feasible experimental design, it may prove possible
to map the relationships of a wide variety of additional variables on the
unified framework; the effects of "educational" experience, including various

forms of psychotherapy, the effects of physiological "conditioning," including the influences of heredity and of sundry chemical and electrical stimuli, and the manifestations of personality in a variety of "other tests" are all areas of potential interest. Again, which of these will seem to be the best bet as this research develops is an open question.

Implementation

This is a proposal [redacted] to [redacted] is submitted with the hope that the subject will prove to be one of mutual interest and that [redacted] will see fit to provide financial support so that research developing along the lines outlined above may be undertaken.

B

[redacted]

B

In view of the relatively high degree of uncertainty that is necessarily associated with plans for the kind of basic research that is outlined above, [redacted] proposes that the budget be established initially in terms of a rate of expenditure of effort, rather than in terms of specific goals and the costs

of achieving them. On this basis, it seems reasonable to request a grant of $20,000, to be spent over a period of approximately one year beginning in October 1957. This sum would be sufficient to permit approximately one man-year of effort by a Research Associate, including all of the costs which he may generate throughout [redacted] by his requests for technical and clerical assistance and by the need for proper administration and accounting. [redacted] customary accounting system would be used to account for the funds as they were actually spent, and would be expected to show approximately the following disposition:

Employee costs (including wages and salaries, vacation allowance, [redacted] contribution to hospital and annuity plans, etc.)	%
Other direct costs (including travel, purchase of special equipment or materials, tabulating machine rental, etc)	%
General overhead (figured as a percentage of employee costs)	%

While [redacted] hopes that significant progress can be made by expending this amount of effort for a year, it anticipates that there will be need for support for several years if the area proposed for research is to be properly investigated, and hopes that [redacted] would earmark additional funds that may be made available for this purpose if the results that are being found warrant a continuation of the work.

[redacted] would expect to name Dr. [redacted] as Principal Investigator for this work.

July 23, 1957

[redacted]

[redacted]

77-56

INTERCOM CHECK LIST

Subproject 77

Date of Original Authorization	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
16 Aug 57	1 yr.		8-3502-10-01	20,000.00

Additional Authorization	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
#2	1 yr.	(16 Aug 58 - 16 Aug 59)	8-3502-10-02	20,000.00
#3	1 yr.		0535-1009-4962	20,000.00
#4	1 yr.		1125-1390-3301	25,000.00
#5	1 yr.		1125-1390-3402	25,000.00

Increase Number	Date	Amount	Balance
#1	16 Aug 57	20,000.00	
#2	16 Aug 58	20,000.00	
#3	28 Aug 59	20,000.00	
#4	Dec 60	25,000.00	
#5	Jan 62	25,000.00	